Index of Claims

| Application/Control No. |
|-------------------------|
|-------------------------|

10/007,435 Examiner

Eugene Yun

Applicant(s)/Patent under Reexamination

LIN, JOHN Art Unit

2682

| √ | Rejected |
|---|----------|
|   | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla                  | aim      | П        |                 | D        | ate      |         |                    |          | Cla          | aim      |                       |                                    | Da       | te      |               |  |       | Cla   | aim        |                 | ***      | i        | Date     | •        |               |                    |          |
|----------------------|----------|----------|-----------------|----------|----------|---------|--------------------|----------|--------------|----------|-----------------------|------------------------------------|----------|---------|---------------|--|-------|-------|------------|-----------------|----------|----------|----------|----------|---------------|--------------------|----------|
|                      | -        | 63705    | 7               | П        | T        | T       | ТП                 |          |              | , le     |                       | П                                  |          |         |               |  |       |       | al         |                 |          |          |          |          |               | T                  |          |
| Final                | Original | 62       |                 |          | - 1      |         |                    |          | Final        | Original |                       |                                    |          |         |               |  |       | Final | Original   |                 | -        |          |          |          | - 1           |                    |          |
| 🖆                    | ij       | 20       | <b>'</b>        | 11       | 1        | 1       |                    |          | ίĒ           | کِز      |                       | 1                                  |          |         |               |  |       | ιĒ    | Ç          | ŀ               | 1        |          |          |          | 1             | -                  |          |
|                      | 0        | U)       |                 | Ш        |          | ┸       | Ш                  | _        |              |          |                       | $\perp$                            |          |         |               | $\perp$                                |       |       |            |                 |          | 丄        |          |          | $\perp$       | $\perp$            | _        |
|                      | _1_      | N        |                 |          | $\perp$  |         | $\perp$            |          |              | 51       | _                     | Ш                                  | _ _      |         |               | $\perp$                                |       |       | 101        |                 |          | 1_       | Ш        |          | _             | 4                  | _        |
|                      | 2        | Ш        |                 |          | .        | 1       | Ш                  | _        |              | 52       |                       | 1_1                                | _ _      |         |               | $\perp$                                |       |       | 102        | $\Box$          |          | ↓_       | Ш        | $\Box$   | <u> </u>      | 4                  | ᆜ        |
|                      | 3        | Ш        | $\perp$         | $\sqcup$ | _        | _       | $\perp$            | _        |              | 53       |                       | 4-1                                | _        | $\perp$ |               | $\perp \perp$                          |       |       | 103        |                 |          | ╄        |          | _        | _             | 4                  | 4        |
|                      | 4        | Ш        |                 | 1        | _        | _       | $\perp$            |          |              | 54       |                       | +                                  |          | -       |               | 4-4                                    |       |       | 104        | $\square$       | _        | _        | Ш        |          | _             | 4                  | 4        |
|                      | 5        | 4        |                 | ++       |          | +-      | +                  |          |              | 55       |                       | +                                  |          | -       | $\rightarrow$ |  |       |       | 105        | $\sqcup$        |          | ┼        | Н        |          | <u> </u>      | +                  | $\dashv$ |
| $\vdash$             | 6        |          |                 | ₩        |          | -       | 1-1                |          | <u> </u>     | 56       | $\vdash$              | +                                  | $\dashv$ | +       |               | +                                      |       |       | 106        | $\vdash$        |          |          | Н        | -        |               | +                  | $\dashv$ |
| -                    | 7        | ₩        |                 | ₩        |          | +-      | +                  |          | <u> </u>     | 57       | $\vdash$              | ╁                                  | $\dashv$ | +       | $\dashv$      | ╂┤                                     |       |       | 107        |                 |          | ╁        | Н        |          |               | +                  | $\dashv$ |
| <u> </u>             | 8        | ₩        |                 | ╂┯╂      |          | +       | 1-1                |          |              | 58<br>59 |                       | +                                  |          | +       | -             | +                                      |       |       | 108        |                 |          | -        |          | -        | $\dashv$      | +                  | ᅱ        |
|                      | 9        | ₩        |                 | ╁┵┼      | -        | +       | +                  | -        | <u> </u>     | 60       | $\vdash$              | +                                  | -        | +       |               | +                                      |       |       | 109<br>110 | $\vdash$        | _        | ╁        | Н        | $\dashv$ | $\dashv$      | +                  | $\dashv$ |
| <b></b>              | 10<br>11 | H        |                 | +        | -        | +       | +                  | $\dashv$ | $\vdash$     | 61       | $\vdash$              | +                                  | +        | +       | $\vdash$      | +                                      |       |       | 111        | $\vdash \vdash$ | +        | +        | Н        |          | +             | +                  | 닉        |
| -                    | 12       | ╂        | +               | + +      | +        | +       | +                  | $\dashv$ | $\vdash$     | 62       | $\vdash$              | + -                                | +        | +       | $\vdash$      | ╫┤                                     |       |       | 112        | $\vdash \vdash$ | +        | +        | $\vdash$ | $\dashv$ | +             | +                  | $\dashv$ |
|                      | 13       | #        | $\dashv$        | ++       |          | +       | +                  | $\dashv$ | $\vdash$     | 63       | $\vdash\vdash$        | 1-1                                | $\dashv$ | +       | +             | ╂╾╏                                    |       |       | 113        | $\vdash$        | -        | +        | $\vdash$ | -        | $\dashv$      | +                  | ᅱ        |
| $\vdash\vdash$       | 14       | #-       |                 | ++       | $\dashv$ | +       | +                  |          |              | 64       |                       | ╅┪                                 | $\dashv$ | +       |               | +                                      |       |       | 114        | $\vdash$        | +        | +-       | $\vdash$ |          | +             | +                  | $\dashv$ |
| $\vdash \vdash$      | 15       | +        | $\vdash\vdash$  | ++       | $\dashv$ | +       | +                  | $\dashv$ | <del></del>  | 65       | $\vdash\vdash$        | ╁                                  | +        | +-      |               | ╂━┫                                    |       |       | 115        | $\vdash$        | - -      | ╁        | $\vdash$ |          | $\dashv$      | 十                  | $\dashv$ |
|                      | 16       | V        | $\vdash\vdash$  | +-+      | $\dashv$ | +       | +                  | $\dashv$ |              | 66       | $\vdash$              | 1-1                                | $\dashv$ | +       | $\vdash$      | ╁┤                                     |       |       | 116        | $\vdash$        | $\dashv$ | +        | $\vdash$ | -        | $\dashv$      | $\dashv$           | $\dashv$ |
| $\vdash$             | 17       | V        | <del>-  -</del> | +-+      | $\dashv$ | +       | +                  | $\dashv$ |              | 67       | $\vdash$              | + +                                | +        | +       | $\vdash$      | +                                      |       |       | 117        | $\vdash \vdash$ | +        | +        | Н        |          | $\dashv$      | +                  | $\dashv$ |
|                      | 18       | 7        | -               | +        |          | +-      | 1-1                |          |              | 68       | $\vdash$              | +                                  | +        | +       | +             | +                                      |       |       | 118        | $\vdash$        | +        | ╁        | Н        | $\dashv$ | -             | +                  | $\dashv$ |
|                      | 19       |          |                 | $\vdash$ | $\dashv$ | +       | +                  | $\dashv$ | $\vdash$     | 69       |                       | 1-1                                | +        | +       |               | +                                      |       |       | 119        |                 |          | ╁╌       | $\vdash$ |          | $\overline{}$ | ╅                  | ᅱ        |
|                      | 20       | V.       |                 | ++       | $\dashv$ | +       | +                  | $\dashv$ |              | 70       | $\vdash$              | +                                  | _        | +       |               | $\dashv \dashv$                        |       |       | 120        | $\vdash$        |          | ╁        | Н        | $\dashv$ | -+            | 十                  | ㅓ        |
|                      | 21       | 7        | _               | $\vdash$ | $\dashv$ | +-      | +                  | -        |              | 71       | -                     | +                                  |          | +-      |               | $\dashv \dashv$                        |       |       | 121        | $\vdash$        | $\dashv$ | ╁        | Н        | $\dashv$ |               | +                  | ᅥ        |
|                      | 22       | 1./      |                 | ++       |          | +       | 1-1                |          | _            | 72       | $\vdash$              | 11                                 | $\dashv$ | +       | -             | +                                      |       |       | 122        | $\vdash$        |          | ╁        | Н        | -        | $\dashv$      | 十                  | ┨        |
|                      | 23       | 17       |                 | $\Box$   | $\neg$   | +-      |                    | $\neg$   |              | 73       |                       | $\top$                             | 一        | $\top$  |               | $\top$                                 |       |       | 123        |                 |          | ╁        | П        |          | _             | 十                  | ᅱ        |
|                      | 24       | 7        | $\overline{}$   | $\Box$   | $\top$   | +       | $\Box$             |          |              | 74       |                       | 11                                 | $\top$   | $\top$  |               | $\top$                                 |       |       | 124        |                 |          | ╁        | П        |          |               | 十                  | ᅱ        |
|                      | 25       | 1        |                 | $\sqcap$ | 十        | 1       | П                  |          |              | 75       |                       | $\Box$                             | 十        | $\top$  |               | $\top$                                 |       |       | 125        |                 | $\neg$   | 1        | П        |          | $\dashv$      | 7                  | ᅥ        |
|                      | 26       | O        |                 | $\Box$   | 十        | 十       | $\Box$             |          |              | 76       |                       | 11                                 | 一        | $\top$  |               | $\top$                                 |       |       | 126        | П               |          | 1        | П        |          | $\top$        | 十                  |          |
|                      | 27       | 20       |                 | П        | T        |         | П                  |          |              | . 77     |                       | $\Box$                             | T        | 1       |               | $\top$                                 |       |       | 127        |                 |          | T        |          |          |               | T                  | コ        |
|                      | 28       | 7        |                 |          | T        |         | $\sqcap$           |          |              | 78       |                       | $\sqcap$                           |          |         |               | $\top$                                 |       |       | 128        |                 |          |          | П        |          |               | T                  | ٦        |
|                      | 29       | V        |                 | П        |          |         | $\sqcap$           |          |              | 79       |                       | $\sqcap$                           |          |         |               |  |       |       | 129        |                 |          |          | П        |          | $\neg$        | T                  | ٦        |
|                      | 30       | 0        |                 |          |          |         | 17                 |          |              | 80       |                       | $\Box$                             |          |         |               | $\sqcap$                               |       |       | 130        |                 |          | 1        |          |          |               | T                  | ٦        |
|                      | 31       | 11 11    |                 |          |          |         |                    |          |              | 81       |                       |                                    |          |         |               |  |       |       | 131        |                 |          |          |          |          |               |                    | ٦        |
|                      | 32       | 11       |                 |          |          |         |                    |          |              | 82       |                       |                                    |          |         |               |  |       |       | 132        |                 |          |          |          |          |               | $\Box$             |          |
|                      | 33       |          |                 |          |          |         |                    |          |              | 83       |                       |                                    |          |         |               |  |       |       | 133        |                 |          |          |          |          |               | $\perp$            |          |
|                      | 34       | Ш        |                 |          |          | $\perp$ | Ш                  |          |              | 84       |                       | $oxed{\Box}$                       |          |         |               | Ш                                      |       |       | 134        | $\Box$          |          |          |          |          | $oxed{\bot}$  | $oldsymbol{\perp}$ |          |
|                      | 35       | Ш        | ot              | 11       |          |         | Ш                  |          |              | 85       |                       | $\bot$                             | $\perp$  | $\perp$ | ot            | $\perp \perp$                          |       |       | 135        |                 |          | L        | Ш        |          |               | _[                 | _]       |
|                      | 36       | Ш        |                 | $\sqcup$ | 4        | 4_      | $\perp$            |          |              | 86       | $\sqcup \!\!\! \perp$ | 1_1                                |          | 1       |               | $oldsymbol{\perp}oldsymbol{\parallel}$ |       |       | 136        |                 | $\perp$  | <u> </u> | Ш        | $\Box$   | _             |                    | _        |
|                      | 37       | Ш        |                 | $\sqcup$ | 4        | _       | $\perp$            | _ :::    | L            | 87       | $\sqcup \!\!\! \perp$ | 1-1                                | _ _      | $\perp$ |               | $oldsymbol{oldsymbol{\sqcup}}$         |       |       | 137        |                 |          | ↓_       | Ш        | $\Box$   | $\perp$       | 4                  | _        |
|                      | 38       | Ш        |                 | $\sqcup$ | $\perp$  | -       | $oldsymbol{\perp}$ | _        |              | 88       | $\perp \perp$         | $\perp \downarrow$                 |          | $\perp$ |               | $\bot$                                 |       |       | 138        | $\sqcup$        |          | ↓_       | Ш        |          |               | 4                  | ᆜ        |
| $\sqcup$             | 39       | Щ        |                 | ₩        |          | -       | $\bot$             | _        | <u> </u>     | 89       | oxdot                 | $\downarrow \downarrow \downarrow$ |          | $\perp$ |               | $\bot$                                 |       |       | 139        |                 |          | ╄-       | Ш        |          | $\perp$       | 4                  | 4        |
|                      | 40       | Н        |                 | $\vdash$ | _ _      | _       | $\sqcup$           |          |              | 90       | $\vdash$              | +                                  | +        | +       | $\perp$       | ╀┤                                     |       |       | 140        | -               | +        | ╀        | Ш        | _        | $\dashv$      | 4                  | 4        |
|                      | 41_      | Н        |                 | 1-1      |          | +       | $\vdash$           |          | <u> </u>     | 91       |                       | +                                  | +        | +       | $\vdash$      | +                                      |       |       | 141        |                 | +        | $\vdash$ | Н        | -        | $\dashv$      | +                  | 4        |
|                      | 42       | $\vdash$ |                 | ++       |          | +       | +                  |          | <u> </u>     | 92       |                       | +                                  | +        | +       | $\perp$       | +                                      |       |       | 142        | -               | +        | ┼        | Н        |          | +             | +                  | 긕        |
| $\vdash \vdash$      | 43       | $\vdash$ |                 | 1-1      |          | +       | +                  |          | $\vdash$     | 93       |                       | ++                                 | +        | +       | $\perp$       | +                                      |       |       | 143        | $\vdash \dashv$ |          | +        | $\vdash$ |          | -             | +                  |          |
| $\vdash\vdash\vdash$ | 44       | Н        |                 | +        | +        | +       | +                  |          | <u> </u>     | 94       | -                     | +                                  |          | ┰       | +             | +                                      |       |       | 144        |                 |          | +-       | $\vdash$ | -        | -             | +                  | 4        |
| $\vdash \vdash$      | 45       | $\vdash$ |                 | +        | -        | +       | ┼┤                 | -        | <u> </u>     | 95       | -                     | +                                  | - -      | +       | -             | +                                      |       |       | 145<br>146 | $\vdash$        | -        | +        | $\vdash$ | $\dashv$ | +             | +                  | 4        |
|                      | 46<br>47 | H        | $\vdash$        | ++       |          | +-      | +                  |          | <u> </u>     | 96       | $\vdash$              | 1                                  |          | +       | -             | +                                      |       |       | 147        | $\vdash$        |          | ╁        | $\vdash$ | $\dashv$ | +             | +                  | $\dashv$ |
|                      | 47       | $\vdash$ |                 | +        | +        | +-      | +                  |          | <del> </del> | 97       |                       | ╁┼                                 |          | +       | $\vdash$      | +                                      |       |       | 147        | $\vdash$        |          | +-       | $\vdash$ | $\dashv$ | +             | +                  | $\dashv$ |
|                      | 49       | $\vdash$ | -               | +        | +        | +       | +                  |          |              | 98<br>99 |                       | +                                  | +        | +       | -             | +                                      |       |       | 148        | $\vdash$        |          | +-       | Н        | $\dashv$ | $\dashv$      | +                  | $\dashv$ |
| $\vdash\vdash\vdash$ | 50       | Н        | +               | + +      | +        | +       | ╁╌┨                |          | <u> </u>     | 100      | $\vdash$              | ╁╾┤                                | $\dashv$ | +       | +             | +                                      |       |       | 150        | $\vdash$        |          | +-       | $\vdash$ |          | +             | +                  | $\dashv$ |
| لــــا               | JU       | ш.       |                 | 1. 1     |          |         | لبل                | ::::     |              | 100      | LL.                   | $\perp$                            |          | $\perp$ |               | لبال                                   | ::::: |       | 130        | لـــا           | L_       |          | ш        |          |               | 丄                  |          |